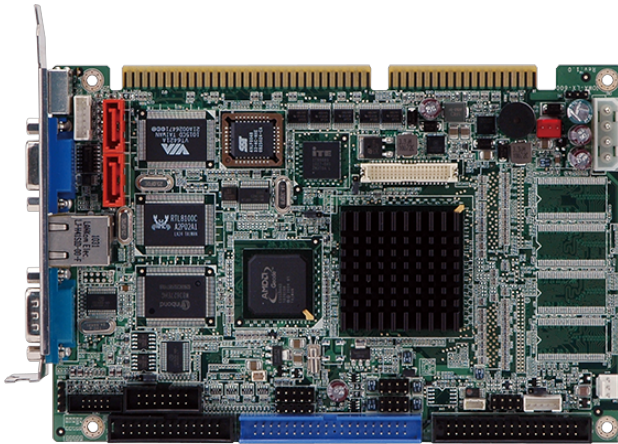


# IOWA-LX

Half-size Pure ISA CPU Card with On-board AMD Geode™ LX600 Processor (366 MHz), 128KB L2 cache, On-board 128MB Memory



## Features

- » ISA CPU card with on-board AMD Geode™ LX600 processor (366 MHz), 128KB L2 cache
- » Flexible on-board DDR SDRAM and one SO-DIMM slot
- » Enhanced TTL, RS-232, RS-422/485 and USB 2.0 interfaces for extended connectivities
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

| System                   |   |
|--------------------------|---|
| CPU                      | On-board AMD Geode™ LX600 processor (366 MHz), 128KB L2 cache   |
| Chipset                  | AMD Geode™ CS5536   |
| Memory                   | One 200-pin 266/200 MHz DDR SDRAM SO-DIMMs On-board 128MB DDR 266/200 MHz memory                            |
| Memory Max.              | 512MB   |
| Physical Characteristics |   |
| Net Weight               | 250g  |
| Storage                  |   |
| Storage                  | Description: 1 X FDD, 1 x IDE   |
|                          | 2 x SATA :RAID 0/1 supported on IOWA-LX-600S-R10  |
|                          | 1 x CF Type II Card   |
| I/O Interface            |   |
| Display Output           | 1 x VGA :up to 1920x1440  |
| Ethernet                 | Description: 10/100Mbps Realtek RTL8100C Ethernet controller  |
| Audio                    | Description: Realtek ALC203 with AC'97 codec  |
|                          | 1 x Front Audio   |
| I/O Interface            |   |
|                          | 1 x External RS-232   |
|                          | 2 x Internal RS-232/422/485 :2x7 pin, p=2.54  |
|                          | 4 x Internal USB 2.0 :2x4 pin , p=2.54  |
|                          | 1 x PS/2  |
|                          | 1 x LPT :2x13 pin   |
| Expansion                | 1 x ISA Slot :supported via golden finger   |
| Power                    |   |
| Power Consumption        | 5V@1.51A, 5Vsb@0.09A  |
|                          | (On-board AMD Geode™ LX 600 CPU 366 MHz with 128MB 200 MHz onboard DDR memory and 512MB 333 MHz DDR memory) |
| Power Supply             | 5V/12V, Support AT/ATX mode   |
| Environment              |   |
| Operating Temperature    | -10°C ~ 60°C  |
| Storage Temperature      | -20°C ~ 70°C  |
| Humidity                 | 5% ~ 95%, non-condensing  |
| Certifications           |   |
| Safety & EMC             | CE/FCC compliant  |

## Ordering Information

|                  |   |
|------------------|---|
| IOWA-LX-600S-R10 | Half-size pure ISA CPU card with on-board AMD Geode™ LX 600 processor at FSB 366MHz, 128KB L2 cache, 128MB memory on board include VGA, LAN, USB2.0, SATA, CF, COM, LPT and Audio, RoHS |
| IOWA-LX-600-R10  | Half-size pure ISA CPU card with on-board AMD Geode™ LX 600 processor at FSB 366MHz, 128KB L2 cache, 128MB memory on board include VGA, LAN, USB2.0, CF, COM, LPT and Audio, RoHS       |

## Packing List

|                                       |                      |
|---------------------------------------|----------------------|
| 1 x IOWA-LX-600 single board computer | 1 x Audio cable      |
| 1 x IDE flat cable                    | 1 x KB/MS Y cable    |
| 1 x USB cable                         | 1 x Mini jumper pack |
| 1 x QIG                               |                      |